

Curriculum Vitae



A. Personal Details

Name : Md. Shahjahan
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Date of Birth : February 02, 1968
Nationality : Bangladeshi

B. Professional Experience

I have about 24 years experience of teaching, planning, and coordinating training courses on biostatistics, research methodology and epidemiology at graduate and post graduate levels. In addition to all academic responsibilities, I have been conducting research activities covering the issues of public health, population, reproductive health and family planning along with reviewing Project proposals, monitoring and evaluation of research activities, including managing and analyzing various complex datasets for scientific and technical reporting. I have performed many key responsibilities in different organizations in various capacities and gained substantial knowledge on classroom teaching and supervising students' dissertation. My teaching experiences provide me with opportunities to share academic and research expertise with fellow researchers nationally and internationally.

C. Educational Qualifications

B.Sc. (Honors), M.Sc. (Statistics), PhD (Statistics) Jahangirnagar University, Bangladesh.

D. Working Experience: Served in the following organizations

Academic Organization

- Daffodil International University
- Sultan Qaboos University, Muscat, Oman
- Bangladesh University of Health Sciences
- BSM Medical University, Dhaka, Bangladesh
- University of South Asia, Dhaka, Bangladesh
- Bangladesh Health Professions Institute

Research Organization

- Bangladesh Medical Research Council
- Icddr'b
- Institute of Public Health Nutrition
- NIPOORT, Bangladesh
- FPAB
- Child Sight Foundation

E. Research Exposure: Conducted the following research in different capacities:

- Evaluation of Training of Trainers (TOT) for Traditional Birth Attendants training program, 1993.
- Impact of women's work on their fertility status, 1993.
- Intestinal Parasite Control Project, 1994.
- Impact of maternal and child healthcare-related educational intervention on high school girl students in reduction of maternal and infant Mortality, 2001.
- Health survey of the Tribal population of Bangladesh, 2002.
- Survey on health status of rural population in a selected area of Bangladesh, 2003.
- Field monitoring program of BMRC-funded Research under World Bank Research Program, 2005.
- Nutritional status & morbidity profile among children aged under 12 yrs & born to goitrous mothers, 2006.
- Ethics in health research system—a qualitative assessment, 2007-2008.
- Quality assessment of directly-observed treatment (DOT) in Dhaka city, 2010.
- Prevalence of NCD-related Risk Factors among Population Aged 35-60 years in Dhaka City, 2011.
- Factors affecting utilization of post natal care in rural Bangladesh, 2012.
- Factors affecting electrolyte imbalance among diabetes patients in selected tertiary hospital of Dhaka, 2013.
- Use of smokeless tobacco by low-socio-economic populations & risk factors associated with it, 2014.
- Factors associated with female smoking at selected areas of Dhaka city, 2015.
- Consumption of artificial color soft drinks among Bangladeshi children and risk factors associated with it, 2016.
- Reasons for poor performance by the students of DIU and factors affecting it, 2017.

F. Publications

International

- Md. Imdadul Haque, A.B.M. Alauddin Chowdhury, **Shahjahan M** and Md. Golam Dostogir Harun. Traditional healing practices in rural Bangladesh: a qualitative investigation. *BMC Complementary and Alternative Medicine* (2018) 18:62 <https://doi/10.1186/s12906-018-2129-5>.
- **Shahjahan M**, Md. Golam Dostogir Harun, A. B. M. Alauddin Chowdhury, Kapil Ahmed, and Hafiz T. A. Khan, Factors Influencing the Initiation of Smokeless Tobacco Consumption Among Low Socioeconomic Community in Bangladesh: A Qualitative Investigation. *International Quarterly Community Health Education* (2017),37(3) 1- 7.
- **Shahjahan M**. H.A. Chowdhury, G. D. Harun et. al. (2017). Antenatal and postnatal care practices among mothers in rural Bangladesh: A community based cross-sectional study. *Midwifery* 52 (2017) 42-48.
- Hossain, S. B., Kabir, R., **Shahjahan M**, Chowdhury, A. and S. M. Y. Arafat (2017). "Gap between Expectation and Convenience of Open Access Public Toilets in Dhaka: A Cross Sectional Investigation." *Inter. J. Res. Methodol. Soc. Sci.*, Vol., 3, No. 1/;;pp. 51-61. (Jan. - Mar. 2017); ISSN: 2415-0371.
- Afsana Afroz, Hasina Akhter Chowdhury, **Shahjahan M**, Md Abdul Hafez, Md Nazmul Hassan, Liaquat Ali (2016). Association of good glycemic control and cost of diabetes care: experience from a tertiary care hospital in Bangladesh. *Diabetes Research and Clinical Practice*. 120:142–148. DOI: 10.1016/j.diabres.2016.07.030.
- Mohammad Nurul Azam, **Shahjahan M**, Mahbuba Yeasmin, Nasar U. Ahmed (2016). Prevalence of Smokeless Tobacco among Low Socioeconomic Populations: A Cross-Sectional Analysis. *PLoS ONE* **11**(6): e0156887.doi:10.1371/journal.pone.0156887.
- Amitava Acharyya,**Shahjahan M**, Fahmida Binte Mesbah, Subir Kumar Dey, Liaquat Ali (2016). Association of metabolic syndrome with chronic obstructive pulmonary disease in an Indian population, *Lung India* 2016; 33:385-90.
- Afsana Afroz, Samira Humaira Habib, Hasina Akhter Chowdhury, Debashish Paul, **Shahjahan M**, Md Abul Hafez, Md Nazmul Hassan, Liaquat Ali. Health care cost of type 2 diabetes mellitus in Bangladesh: A hospital-based study. *International Journal of Diabetes in Developing Countries* (Springer), 2015.
- Hasina Akhter Chowdhury, Kazi Rumana Ahmed, Fatema Jebunessa, Jesmin Akter, Sharmin Hossain and **Shahjahan M**, "Factor Associated with Maternal Anemia among Pregnant Women in Dhaka City", Published from *BMC Women's Health*, (2015), 15:77.
- Sharmin Hossain, Kaniz Fatema, Kazi R. Ahmed, Jesmin Akter, Hasina A. Chowdhury, **Shahjahan M**, Amitava Acharyya, M.A. Rahim, Liaquat Ali. Prevalence and Determinants of Metabolic Syndrome among Newly Diagnosed Type 2 Diabetic Subjects according to Different Criteria. *Diabetes & Metabolic Syndrome: Clinical Research & Reviews* (2015); 7: 95–100 (Elsevier).
- Jesmin Akter, **Shahjahan M**, Sharmin Hossain, Hasina Akhter Chowdhury, Kazi Rumana Ahmed, Kaniz Fatema, Begum Rowshan Ara and Liaquat Ali. Determinants of overweight and obesity among Bangladeshi diabetic women of reproductive age *BMC Research Notes* (2014); 1- 6 (UK).
- **Shahjahan M**, Shirin Jahan Mumu, Afsana Afroz, Hasina Akhter Chowdhury, Russell Kabir, and Kapil Ahmed (2013). Determinants of Male Participation in Reproductive Healthcare Services: A Cross-sectional Study. *The Reproductive Health, Bio Med Central*, 2013; 10:27.
- **Shahjahan M**, Hasina Akhter Chowdhury, Jesmin Akter, Afsana Afroz, and MA Hafez (2012). Factors associated with use of antenatal care services in a rural area of Bangladesh, *South East Asia Journal of Public Health*. 2012; 2(2):61-66.
- **Shahjahan M**, MR Ahmed, MM Rahman, Afroz A (2012). Factors affecting newborn care practices in Bangladesh. *Journal of Pediatric and Perinatal Epidemiology* 26(1):13-8.
- Rahman MM, Rahman S, Begum N, Asaduzzaman AKM, **Shahjahan M**, Firoza A, Metul MS, Nabi CMG (2007). Client expectation from doctors: Expectation- reality gap. *Katmandu University Medical Journal* 5(4) (Issues 20):566-73.
- **Shahjahan M** and Kabir M. (2007). Why males in Bangladesh do not participate in reproductive Health: what are the lessons learned from the focus Group Discussion. *International Quarterly of community health Education* Vol. 26 (1), 45-59.
- **Shahjahan M** and Kabir M. (2007). Sexual behaviour of Bangladeshi youth and factors affecting their health-seeking behavior. *Indian Journal of Youth Affairs* Vol. 11 (1), 12-21.
- **Shahjahan M**, Kabir M (2005). Men's spousal communication regarding reproductive health issues & factors affecting it. *Journal of Central Asian Health Service Research* 4(1):9-12.
- **Shahjahan M**, Kabir M (2004). Knowledge of men about reproductive health issues & factors affecting them in selected districts of Bangladesh. *Journal of Nepal Health Research Council* 2(2):1-8.

National:

- Syed Dawood Md. Taimur, M Maksumul Haq, MA Rashid, SM Keramat Ali, **Shahjahan M**, Farzana Islam Association between Peripheral Arterial Disease and Coronary Artery Disease among Tobacco User Diabetic Patients. *Bangladesh Heart Journal* (2017); 32(1): 3 – 9.
- **Shahjahan M**, Jesmin Akter, Hasina Akhter Chowdhury. Determinants of Delivery Care in a Selected Rural Area of Bangladesh. *Daffodil International University Journal of Allied Health Sciences* (2014); 1(1): 19-28.
- Ali MZ, Iqbal SM, Ali SMK, **Shahjahan M** (2013). Gastrointestinal Tract Disorder among in patients at Khwaja Yunus Ali Medical College Hospital. *KYAMC Journal*: 4(1):316-320.
- Anwarul Kabir, M. Kabir and **Shahjahan M** (2012). Life table estimate of child mortality and influence of community factors on child mortality in rural Bangladesh. *Jahangirnagar University Journal of Statistical Studies*. 2012;31:11-23.
- Sarkar S, Mumu SJ, **Shahjahan M**, Flora MS, Hafez MA (2012). Prevalence of Bronchial Asthma among Secondary School Students in Dhaka City. *Bangladesh Medical Journal* 41(1):28-31.
- MA Muhit, **Shahjahan M**, Amirul Hasan M, Wazed A, Nafiza Ahmed (2011). Parental knowledge, attitude and practices related to blindness in children in some selected upazilas of Bangladesh. *Mymensingh Medical Journal* 20(4):671-9.
- Kabir A, Kabir M, **Shahjahan M** (2011). Correlates of community factors with mortality of under–Five children in rural Bangladesh using log-linear model. *SUB Journal of Public Health* 3(2):15-22.
- Anowarul Kabir, M Kabir, M S G Uddin and **Shahjahan M** (2011). The influence of community factors on under–five mortality in rural Bangladesh. *Bangladesh Journal of Scientific Research* 24(1):87-95.
- MMA Talukder, **Shahjahan M**, Islam MS, Rahman MM (2010). NGOs rule in slum dwelling adolescent mothers Reproductive Health Services: Program appropriateness and limitations. *South Asian Journal of Population and Health* 3(1):99-113.
- Mahbub AM, **Shahjahan M**, Islam MS (2010). Domestic violence among the heavy vehicle drivers families: a sociological study. *South Asian Journal of Population and Health* 3(1):53-63.
- Amirul Hassan M, Akhter S, **Shahjahan M** (2009). Current population –based public health workforces in Bangladesh. *Bangladesh Medical Research Council Bulletin* 35(3):111-4.
- **Shahjahan M**, Russell K, Islam KS, Rashid HA (2009). Knowledge of Men about Sexually Transmitted Diseases & HIV/AIDS & Factors affecting them. *South Asian Journal of Population and Health* 2(2):159-66.
- Kabir R, **Shahjahan M** (2009). Elderly care in Bangladesh: Challenges in the new Millennium. *Bangladesh Journal of Scientific Research* 22(1&2):119-30.
- Rahman MM, Rahman S, Begum N, Asaduzzaman AKM, Firoza A, **Shahjahan M**, Metul MS, Nabi CMG (2008). Doctors' vision regarding undergraduate medical curriculum of Bangladesh. *Journal of Bangladesh Society of Physiologist* 2(2):54-9.
- **Shahjahan M**, Kabir M (2004). Mass media exposure of men and its impact on family planning in Bangladesh. *Journal of Preventive and Social Medicine* 23(2):1-7.
- **Shahjahan M**, Kabir M (2004). Extra-marital sex exposure among men—a study of risk behavior among patients attending NGO clinics. *Journal of Preventive and Social Medicine* 23 (1):51-6.

Book Published

- **Shahjahan M**. The role of Men in Reproductive Health in Bangladesh. Germany: LAP Lambert Academic Publishing; 2012. ISBN: 978-3-659-20287-2.

Assist in compilation of following books published by BMRC

- Reproductive Health Research Bibliography
- Research Studies Conducted by Postgraduate Students
- Manpower Development in Health Research (1991-2000)
- Research Studies on Health Impact of Arsenic Exposure

G. International Conference

- Attended and presented paper at the 28th International Population Conference in South Africa – IUSSP held on October 29 Nov 04, 2017.
- Attended and presented paper at the 61st ISI World Statistics Congress (WSC) held from 16 - 21 July 2017 in Marrakech, Morocco.
- Presented a paper on 'Use of Smokeless Tobacco by Low Socio-Economic Populations and Risk Factors Associated with it' in the International Conferences on Advances Interdisciplinary Statistics and Combinatorics (AISC 2016), University of North Carolina, USA.

- Presented a paper on 13th Islamic Countries Conference on Statistical Sciences (ISOSS), from 18-21 December 2014, IPB Bogor Agricultural University, Bogor, Indonesia.
- Presented a paper on 27th International Population Conference from 26-31 Aug. 2013, Busan, South Korea.
- Presented a poster on 19th conference of the Islamic World Academy of Science (IAS) from 5-9 May 2013, Dhaka, Bangladesh.
- Presented a paper on 12th Islamic Countries Conference on Statistical Sciences (ISOSS), from 19-22 December 2012, Qatar University, Qatar.
- Participated in 3rd Indian National Seminar of Asia Network of Research on Antidiabetic Plants (ANRAP), 14-16 September 2012, Kolkata, India.
- Paper accepted for Poster presentation World Congress of Epidemiology, Edinburgh, Scotland, 7-11th August 2011.
- Participated in 9th South East Asia Regional Scientific Meeting-organized by International Epidemiological Association, 9-12 February, 2008.
- Paper accepted for presentation at European Population Conference, Liverpool, England, June 21–23, 2006.
- Presented a paper on 9th National Statistical Conference, Dhaka, April 15–16, 2005.

Countries were visited in connection with International Conference

India, Nepal, Qatar, UAE, South Korea, China, Malaysia, Indonesia, Thailand, USA, Kingdom of Morocco and South Africa.

H. Membership of Associations

- Bangladesh Population Association (BPA)
- Bangladesh Statistical Association (BSA)
- Asian Population Association (APA)
- American Population Association (Former)
- Bangladesh Association for the Advancement of Science
- IUSSP
- ISI (Elected member)

I. References

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(Md. Shahjahan, PhD)